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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION  
TRANSMITTAL LETTER  
UNDER 37 C.F.R. 1.53(b)

ATTORNEY DOCKET NO.:  
11890/2

Address to:  
Assistant Commissioner for Patents  
Washington D.C. 20231  
Box Patent Application

Transmitted herewith for filing is the patent application of

Inventor(s): **Marcel F.C. SCHEMMANN, Zoran MARICEVIC,  
Antonije R. DJORDJEVIC and Darby RACEY**

For : **METHOD AND SYSTEM FOR A POLARIZATION MODE  
DISPERSION TOLERANT OPTICAL HOMODYNE DETECTION  
SYSTEM WITH OPTIMIZED TRANSMISSION MODULATION**

Enclosed are:

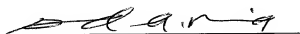
1. **20** sheets of specification, **15** sheets of claims, and **1** sheet of abstract.
2. **10** sheets of drawings.
3. Declaration and Power of Attorney
4. ✓ Assignment from the inventors to TERADVANCE COMMUNICATIONS, LLC with recordation cover sheet.
5. Applicant is entitled to small entity status.
6. The filing fee has been calculated as shown below:

Express Mail No: EL.24450273545

	NUMBER FILED	NUMBER EXTRA*	RATE (\$)	FEE (\$)
BASIC FEE				710.00
TOTAL CLAIMS	51 - 20 =	31	18.00	558.00
INDEPENDENT CLAIMS	14 - 3 =	11	80.00	880.00
MULTIPLE DEPENDENT CLAIM PRESENT			270.00	0.00
*Number extra must be zero or larger			TOTAL	2,148.00
If applicant is a small entity under 37 C.F.R. §§ 1.9 and 1.27, then divide total fee by 2, and enter amount here.			SMALL ENTITY TOTAL	1,074.00

7. Please charge the required application filing fee of **\$1,074.00** to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**.
8. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**:
- A. Any additional filing fees required under 37 C.F.R. § 1.16;
  - B. Any additional patent application processing fees under 37 C.F.R. § 1.17;
  - C. Any additional patent issue fees under 37 C.F.R. § 1.18;
  - D. Any additional document supply fees under 37 C.F.R. § 1.19;
  - E. Any additional post-patent processing fees under 37 C.F.R. § 1.20; or
  - F. Any additional miscellaneous fees under 37 C.F.R. § 1.21.
9. A duplicate copy of this sheet is enclosed.

Dated: 5/31/01

By:   
Gerard A. Messina (Reg. No. 35,952)

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## EXPRESS MAIL CERTIFICATE

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RE: SCHEMMANN, Marcel F.C., et al.

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Method And System For A Polarization Mode  
Dispersion Tolerant Optical Homodyne Detection  
System with Optimized Transmission Modulation